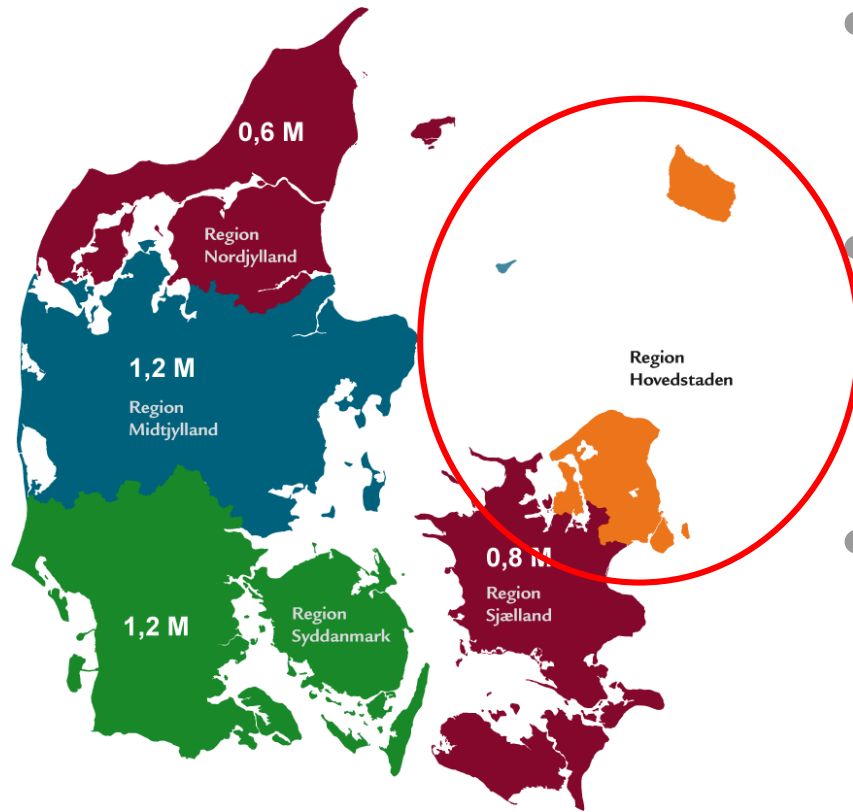


# MedicinInfo – Medicines Information in the Capital Region of Denmark

Stine Ulsø, M.Sc.Pharm

Lene Colberg, M.Sc.Pharm

# The Capital Region

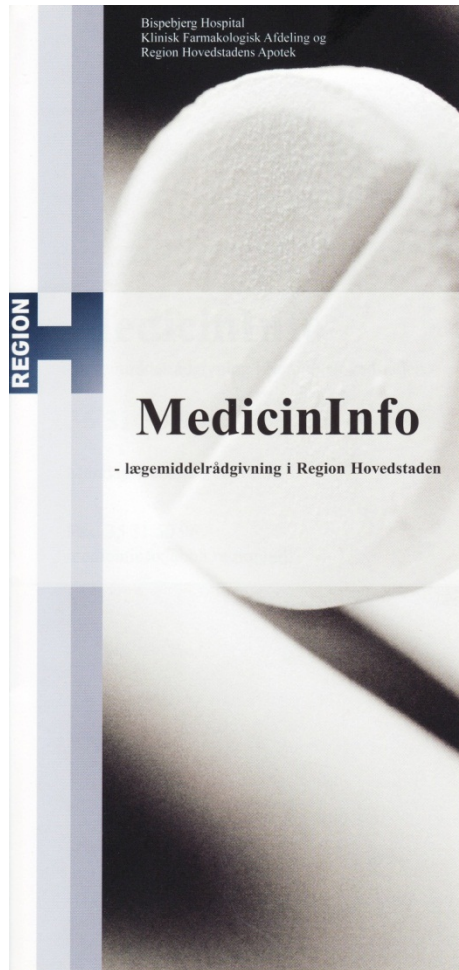


- Inhabitants
  - Approx. 1,7 mio.
- 11 Hospital units
  - Approx. 5.000 Somatic beds
- 11 Psychiatric Centers
  - Approx. 1.400 Psychiatric beds

# The Hospital Pharmacy



- Largest hospital pharmacy in Denmark
- > 500 employees
  - 170 pharmacists
  - 210 pharmacy technicians
- Turnover 413 mio. € in 2016
- 20 daily medicine supplies



# MedicinInfo

## Medicines Information Centre in The Capital Region

Questions by

- Telephone
- E-mail
- Personal application

Opening hours: 8.00-15.30 (week days)

# MedicinInfo



- Provides independent medicines information to healthcare professionals in the Capital Region
- Collaboration between Apotekets Information and the Department of Clinical Pharmacology established in 2009
- The quality of the answers are ensured by approval procedures and daily staff conferences



# MedicinInfo professional background

- 11 M.Sc.Pharm., 3 working part time at the emergency ward
- 1 pharmacy technician
- 5 junior physicians (interns)
- 7 senior physicians
- **Other tasks:** news, education, patient safety, inj. drug guidelines, web editor, drug committee etc.
- Daily staff in MedicinInfo, answering the phones:
  - 3 pharmacists/pharmacy technician
  - 1 junior physician

# MedicinInfo databases



- SAID

- Data from the 8 hospital pharmacies in DK
- 26.000 queries
  - 19.800 from the Capital Region
- Since 2002

- LiWeb

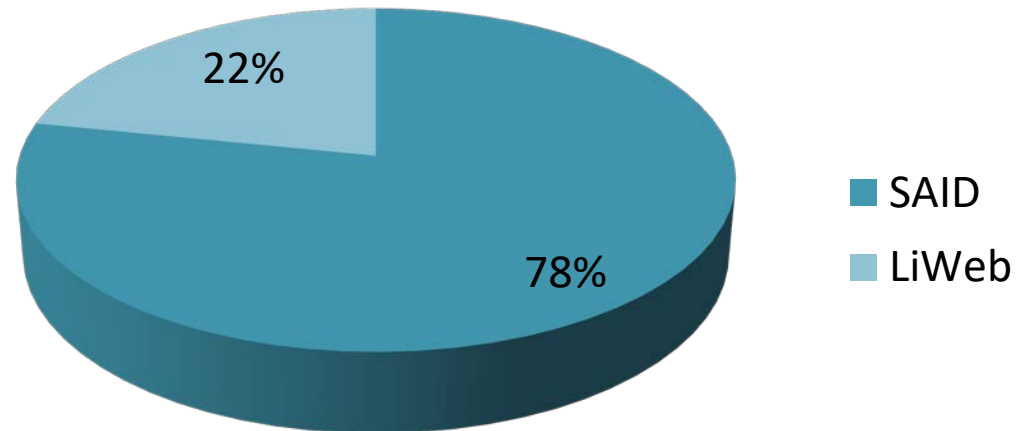
- Data from the 4 Dept. of Clinical Pharmacology in DK
- 12.800 queries
  - 4.500 from the Capital Region
- Since 1997

# Queries to MedicinInfo

*Numbers in 2016*

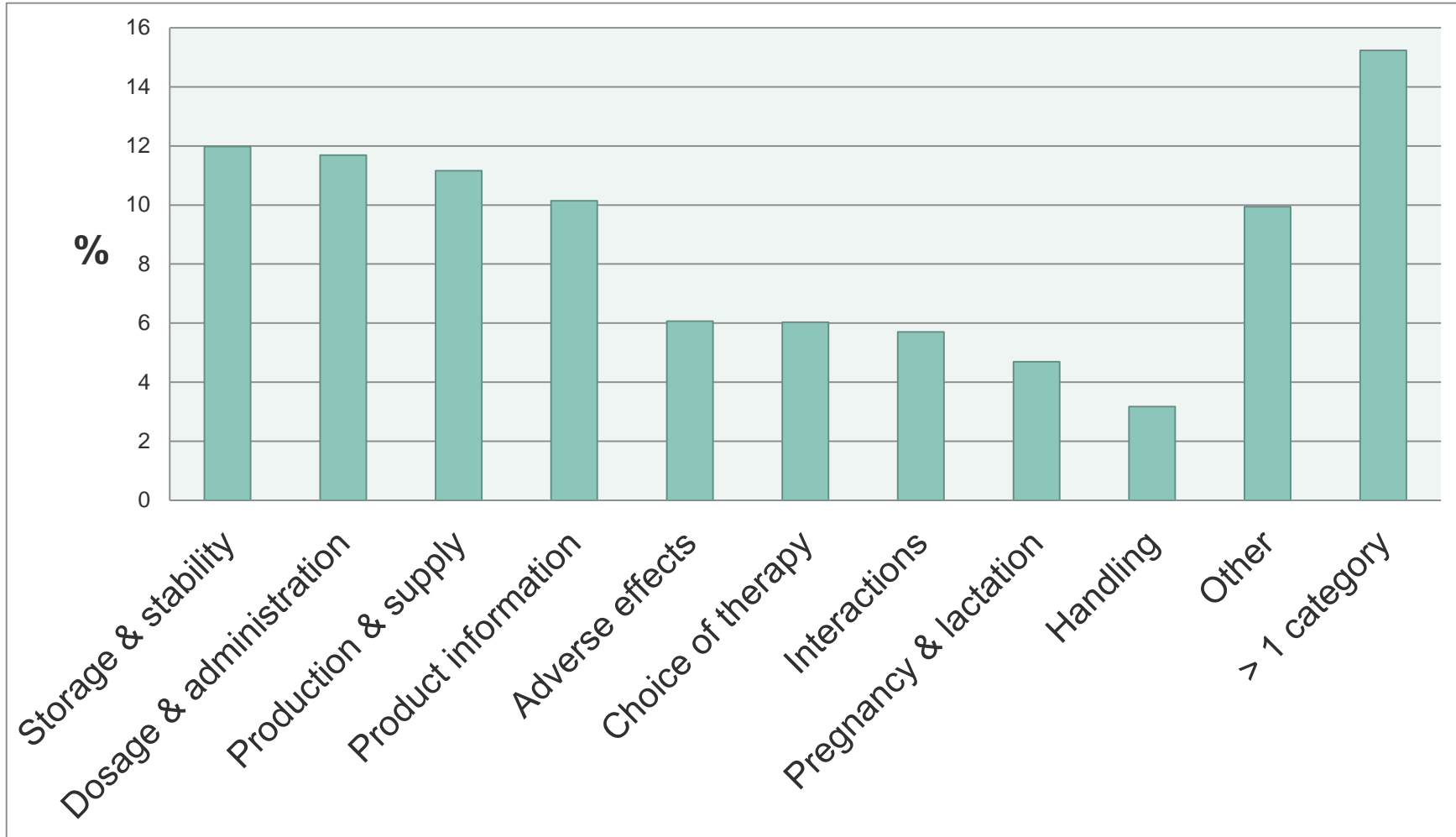


Complex	1428
Simple	1027
<b>Total</b>	<b>2455</b>

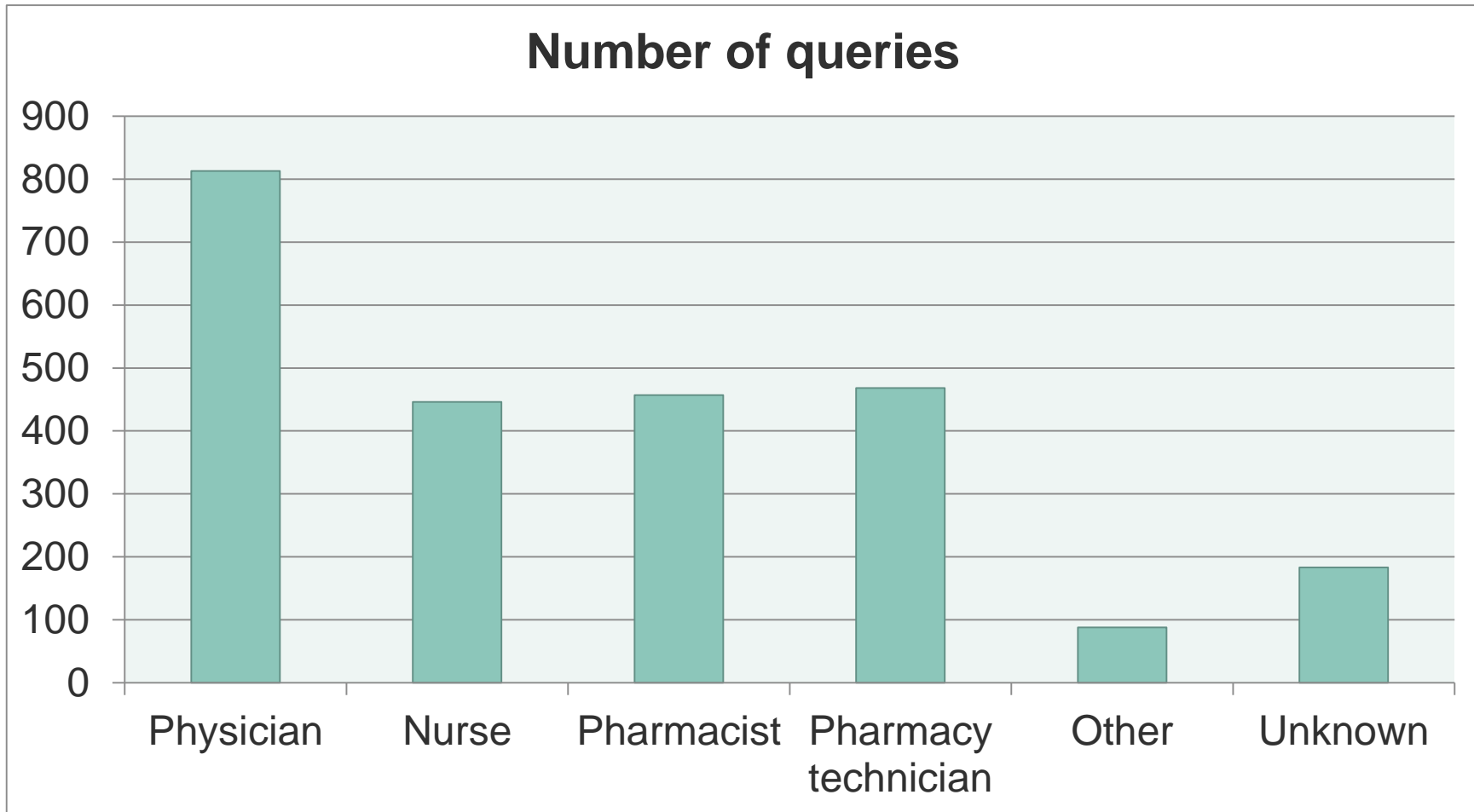


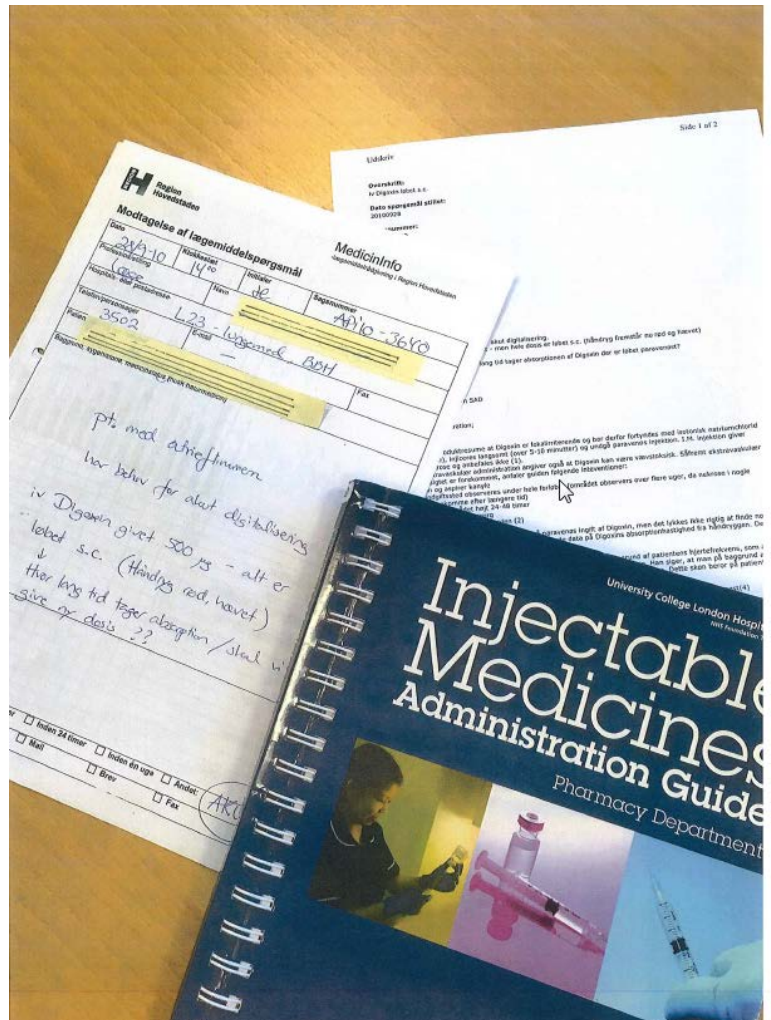


# Category of Queries 2016 (%)



# Professional background 2016

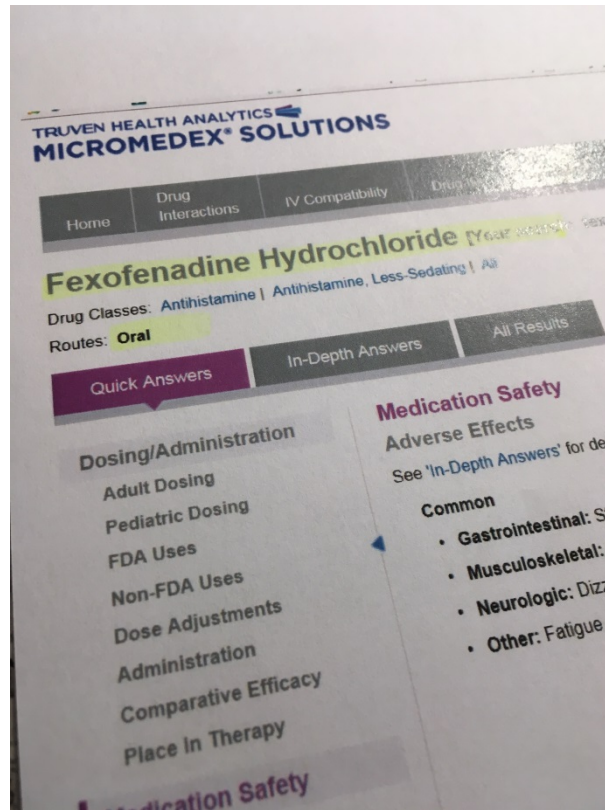




## CASE 1: Extravasation of medicine

Digoxin runs extravascular  
Back of the hand appears  
red and swollen

- How long time will it take to absorb the medicine?
- Should we administer a new dose of digoxin?



## CASE 2: Overdose of Clopidogrel and Fexofenadine

anticoagulant and antihistamine

- male
- 100 years old
- normal kidneyfunction

➤ What is the risk?

➤ What to do?

### References:

SmPC, clopidogrel, last upd. 28. november 2016

SmPC, fexofenadin last upd. 13. juli 2016

MicroMedex [www.micromedexsolutions.com/micromedex2/librarian/](http://www.micromedexsolutions.com/micromedex2/librarian/)

Sparring with physician from Department of Clinical Pharmacology

# Thank you for your attention.

